

A NEW VARIETY OF NOTOTRICHIMUM VIRIDE (ANARANTHACEAE)

HAWAIIAN PLANT STUDIES 98

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Nototrichium viride Hbd. consists of a species and two varieties, known from Kauai and Oahu. Now there is to be added to them a third variety from the island of Molokai.

Nototrichium viride Hbd., var. kalaupapae var. nov.

Diagnosis Holotypi: Ramulis petiolis et pedunculis viridibus et adpresse albo-puberulis, petiolis 15-30 mm longis, laminis 3-11.5 cm longis 2-7.8 cm latis molliter chartaceis supra clare viridibus et in juvente adpresse albo-pilosulis mox subglabratibus infra albo-pilosulis late ovatis apice subacuminato basi cordata, pedunculis 16-50 mm longis, spicis 6-15 mm longis 6 mm diametro subglobosis vel ovoideis, floribus 3 mm longis, sepalis proxima apicem partim glabris alibi pilosis cum pilis 1.5-0.5 mm longis.

Diagnosis of Holotype: Branchlets, petioles, and peduncle green, closely appressed white puberulous; petioles 15-30 mm long; blades 3-11.5 cm long, 2-7.8 cm wide, soft chartaceous, above bright green, at first sparsely appressed white pilosulous, but quickly subglabrate, below permanently white pilosulous, broadly ovate, the apex subacuminate, the base cordate; peduncles 16-50 mm long; spike 6-15 mm long, 6 mm in diameter, subglobose ovoid; flowers 3 mm long, the sepals partly glabrous near the tip, but elsewhere pilose with hairs 1.5-0.5 mm long.

Holotypus: Hawaiian Islands, Molokai Island, Kalaupapa, Uau Crater (=Puu Uao), inside crater, March 8, 1974, Betsy Harrison & Wayne Gagne (BISH).

Discussion: The new variety from Molokai differs from var. subtruncatum Sherff which has its blades 5.5-8.5 cm long, and widely cuneate to subtruncate at base. The var. kalaupapae has its blades 3-11.5 cm long, and they are cordate at base.